

X

OIL

SUB. REPORT/abd

INDIAN C-14-20-3797

1/4 - 1/4 SEC. 30

SUPERIOR OIL COMPANY

# **SUPERIOR OIL**

March 16, 1982

Mr. James Sims  
District Engineer  
Minerals Management  
P. O. Box 600  
Farmington, New Mexico 87401

Re: Surface Use & Operations Plan  
Proposed Well  
East Aneth #30-43  
500' FEL, 2400' FSL  
Section 30, T41S, R26E, SLM  
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use & Operations Plan" (as per NTL-6 requirements) for the proposed East Aneth #30-43 is as follows:

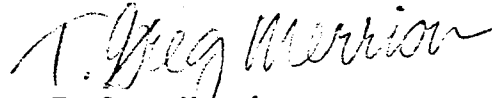
1. The existing roads are shown on the "Proposed Drilling Site and Facilities" plat.
2. A new 500' X 20' access road will be required as shown on the attached plat. The proposed road will run south from an existing road to the new location. The new road will consist of compacted sand and gravel with a maximum grade of 3%. The existing unimproved road will require improvements to provide a 20' wide travel surface. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached "Proposed Drilling Site and Facilities" plat.
4. The location of any production facilities, flowlines and lateral roads in the vicinity are shown on the attached "Proposed Drilling Site and Facilities" plat. A 2" flowline will run 1500' north to an existing tank battery at the East Aneth #30-41 well, where the oil, gas and water will be separated.
5. Water for drilling operations will be trucked to location from Superior's fresh water wells near the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access road for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits 6'-8' deep with steep sides. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete, these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.

## **SUPERIOR OIL**

8. No ancillary facilities will be constructed.
9. The location and position of drilling equipment is shown on an attached plat. Included in this plat is a cross section diagram showing cuts and fills that are necessary for drilling pad construction. The drilling pad will be located approximately at ground level. Materials at the location will be used for pad elevation.
10. Upon completion of operations, the site will be restored according to BIA requirements.
11. Surface land is owned by the Navajo Tribe and is used primarily for grazing. A mixed shrub/grassland vegetation characterizes the area. The flora in the area includes shadscale, snakeweed, wolfberry, alkali sacaton grass, and occasional prickly pear cactus. There are no Indian habitations or artifacts in the immediate vicinity of the access road, flowline or drillsite.

Very truly yours,

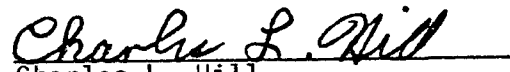
SUPERIOR OIL COMPANY



T. Greg Merrion  
Petroleum Engineer

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by the SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

3/19/82  
Date

  
Charles L. Hill  
Area Production Superintendent

**SUPERIOR OIL**

March 17, 1982

Mr. Mike Minder  
Petroleum Engineer  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: East Aneth #30-43  
500' FEL, 2400' FSL  
Section 30, T41S, R26E, SLM  
San Juan County, Utah

Dear Mr. Minder:

Enclosed is Superior Oil's Application for Permit to Drill the above referenced well. This well is staked on an unorthodox location, being less than 500' from a quarter-quarter section line. This is necessary due to geologic conditions. However, Superior owns all oil and gas mineral rights in Sections 29 & 30, so no competitive offset acreage will be drained.

Very truly yours,

SUPERIOR OIL COMPANY

  
C. L. Hill

TGM/lh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

## 3. ADDRESS OF OPERATOR

P. O. DRAWER "G", CORTEZ, COLORADO 81321

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

500' FEL, 2400' FSL of Section 30

At proposed prod. zone  
Same

N 85 E

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5.1 Miles Southeast of Aneth, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

500'

## 16. NO. OF ACRES IN LEASE

800

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1260'

## 19. PROPOSED DEPTH

6150'

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5084.6' Ungraded G. L.

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	REMARKS
18"	13-3/8"	48#, H-40	100'	Redi-mix to surface	
12-1/4"	8-5/8"	24#, K-55	2000'	1300 sx	
7-7/8"	5-1/2"	15.5#, K-55	6150'	250 sx	

1. Drill 18" hole to 100'. Run 100' of 13-3/8", 48#, H-40, ST&C conductor casing and cement to surface w/ Redi-mix.
  2. Drill 12-1/4" hole to 2000'. Run 2000' of 8-5/8", 24#, K-55, ST&C surface casing and cement to surface w/ 1300 sx Class "B" cmt.
  3. Drill 7-7/8" hole to 6150' (or into Chimney Rock Shale).
  4. Log well w/ DIL-GR, FDC-CNL & BHC Sonic from TD to 2000'.
  5. Run 6150' of 5-1/2", 15.5#, K-55, ST&C production casing and cement w/ 250 sx Class "B".
  6. Complete well in the Ismay and/or Desert Creek.
- APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
- DATE: 4/2/82
- BY: [Signature]
- Stimulate as necessary.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

T. Greg Merrion

TITLE

Petroleum Engineer

DATE

3-17-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

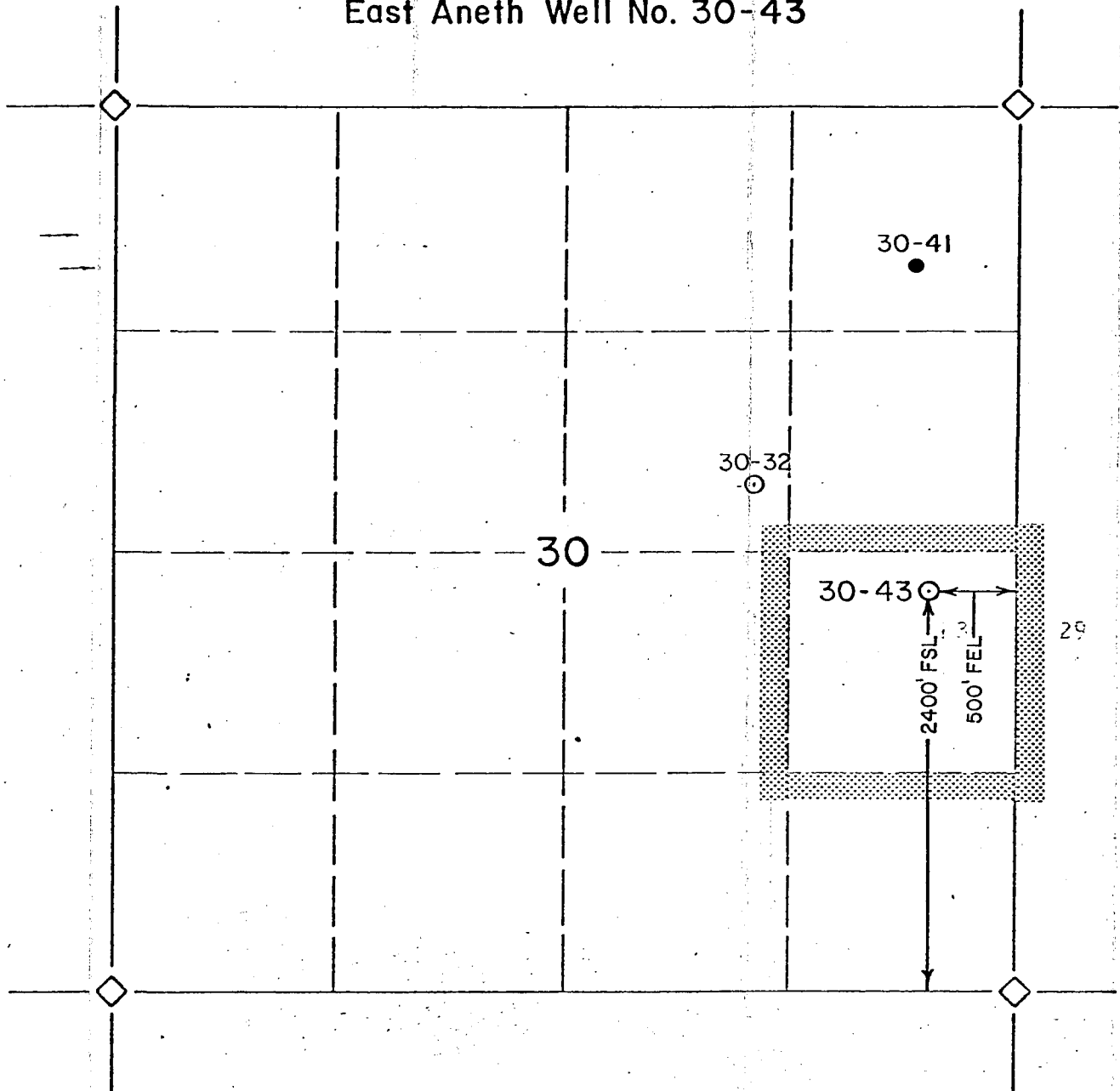
TITLE

CONDITIONS OF APPROVAL, IF ANY:

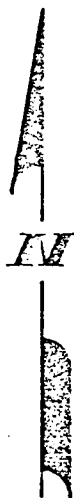
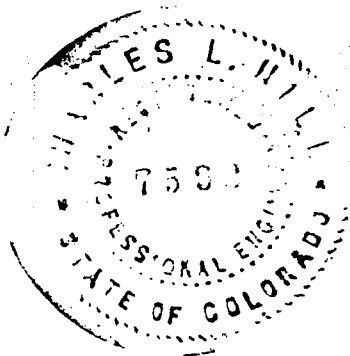
# THE SUPERIOR OIL CO.

OPERATOR

East Aneth Well No. 30-43



NE/SE SECTION 30, T.41 S. - R.26 E.



- ⊙ Location
- Well
- ⊕ Injector

Charles L. Hill

Scale: 1" = 1000'



# DESIGNATION OF OPERATOR

The undersigned is, on the records of the <sup>Bureau of Indian Affairs</sup> ~~Department of the Interior~~ ~~Indian Affairs~~ holder of lease

DISTRICT ~~XXXX~~ OFFICE: Window Rock  
SERIAL No.: NOO C1420 3797

and hereby designates

NAME: The Superior Oil Company  
ADDRESS: 1860 Lincoln Tower Building  
Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 26 East, S.L.P.M.  
Section 30: All

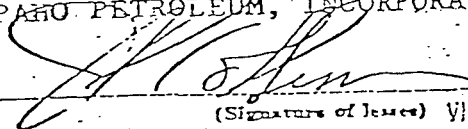
San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ARAPAHO PETROLEUM, INCORPORATED



(Signature of Lessee) VICE PRESIDENT

Oct. 14, 1980  
(Date)

P.O. Box 3438, Englewood, CO 80155

(Address)

SUPPLEMENT TO FORM 9-331-C

WELL: East Aneth #30-43  
East Aneth Field  
San Juan County, Utah  
500' FEL, 2400' FSL of Section 30, T41S, R26E, SLM

ELEVATION: 5084.6' Ungraded Ground Level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level at 5099')

Chinle	1950'
DeChelly	3000'
Organ Rock	3160'
Hermosa	4925'
Ismay	5800'
Lower Ismay	5900'
Gothic Shale	5950'
Desert Creek	6000'
Chimney Rock	6100'
TD	6150'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 300' to 1950'.

HYDROCARBON BEARING FORMATION: Oil & gas could be encountered in the Ismay (5800' - 5950'), and the Desert Creek (6000' - 6100').

MUD PROGRAM: Surface to 2800' - fresh water based mud.  
2800' to 6150' - lignosulfonate or similar mud system. Water loss controlled to 15 cc or less and weighted with Barite as necessary.

CASING PROGRAM: Conductor - 13-3/8", 48#, H-40, ST&C new casing set to 100'.  
Surface - 8-5/8", 24#, K-55, ST&C new casing set to 2000'.  
Production - 5-1/2", 15.5#, K-55, ST&C new casing set to 6150'.



(2)

CEMENT PROGRAM: Conductor - Cement to surface w/ Redi-mix.  
Surface - Cement to surface w/ 1300 sx Class "B".  
Production - Cement w/ 250 sx Class "B".

LOGGING PROGRAM: 2000' to TD - DIL-GR, FDC-CNL, BHC Sonic

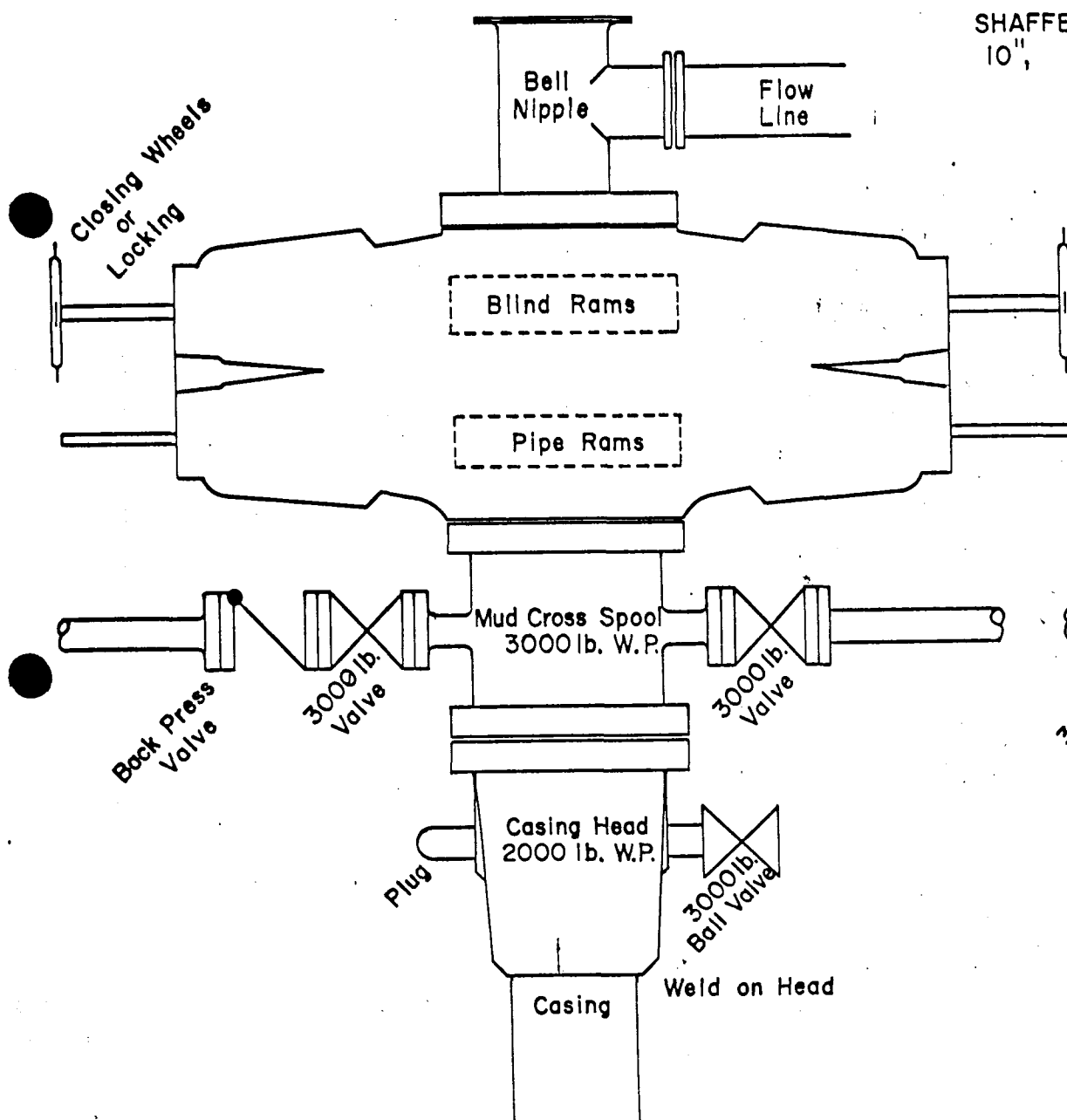
DRILL STEM TESTS: None.

CORING: None.

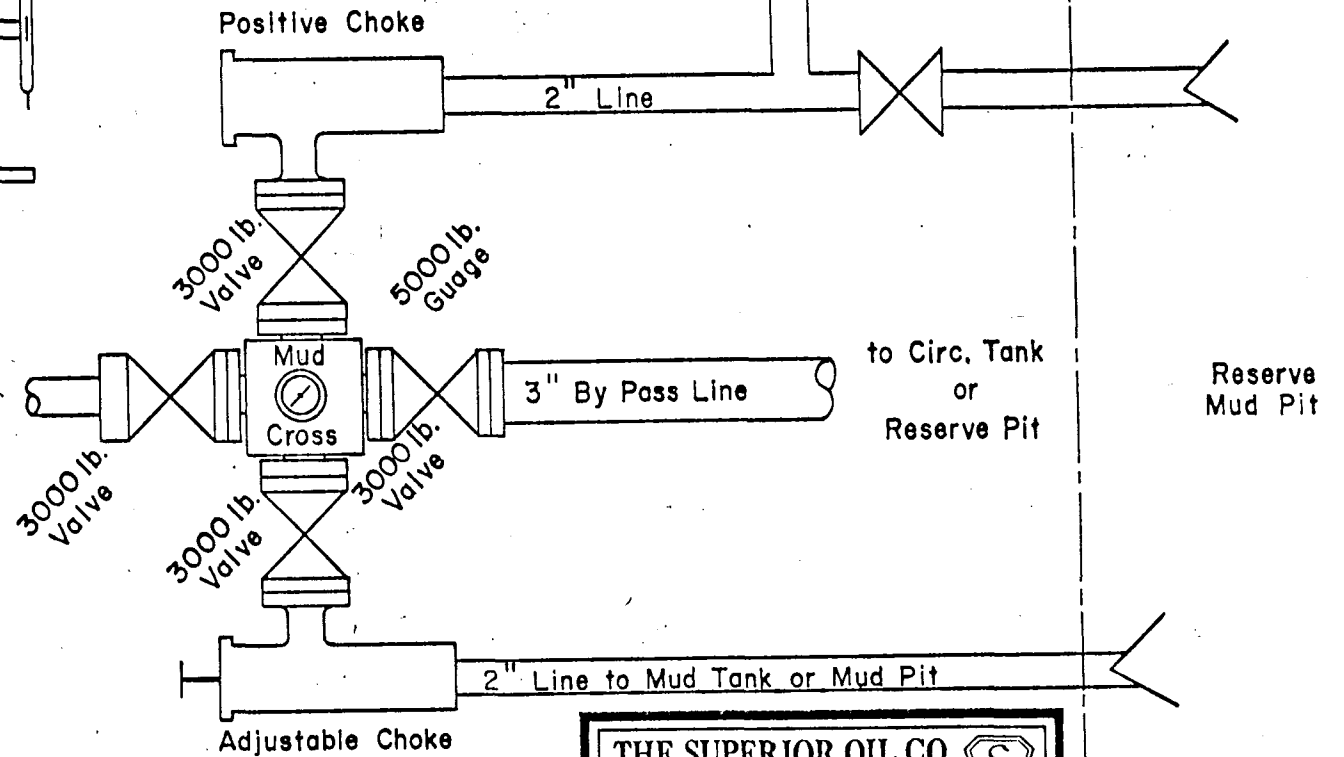
PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual inspection.


ANTICIPATED STARTING DATE: April 1, 1982

TGM/lh



SHAFFER DOUBLE GATE BLOW OUT PREVENTER  
10", 3000 lb. W.P., 6000 lb. Test, Type E

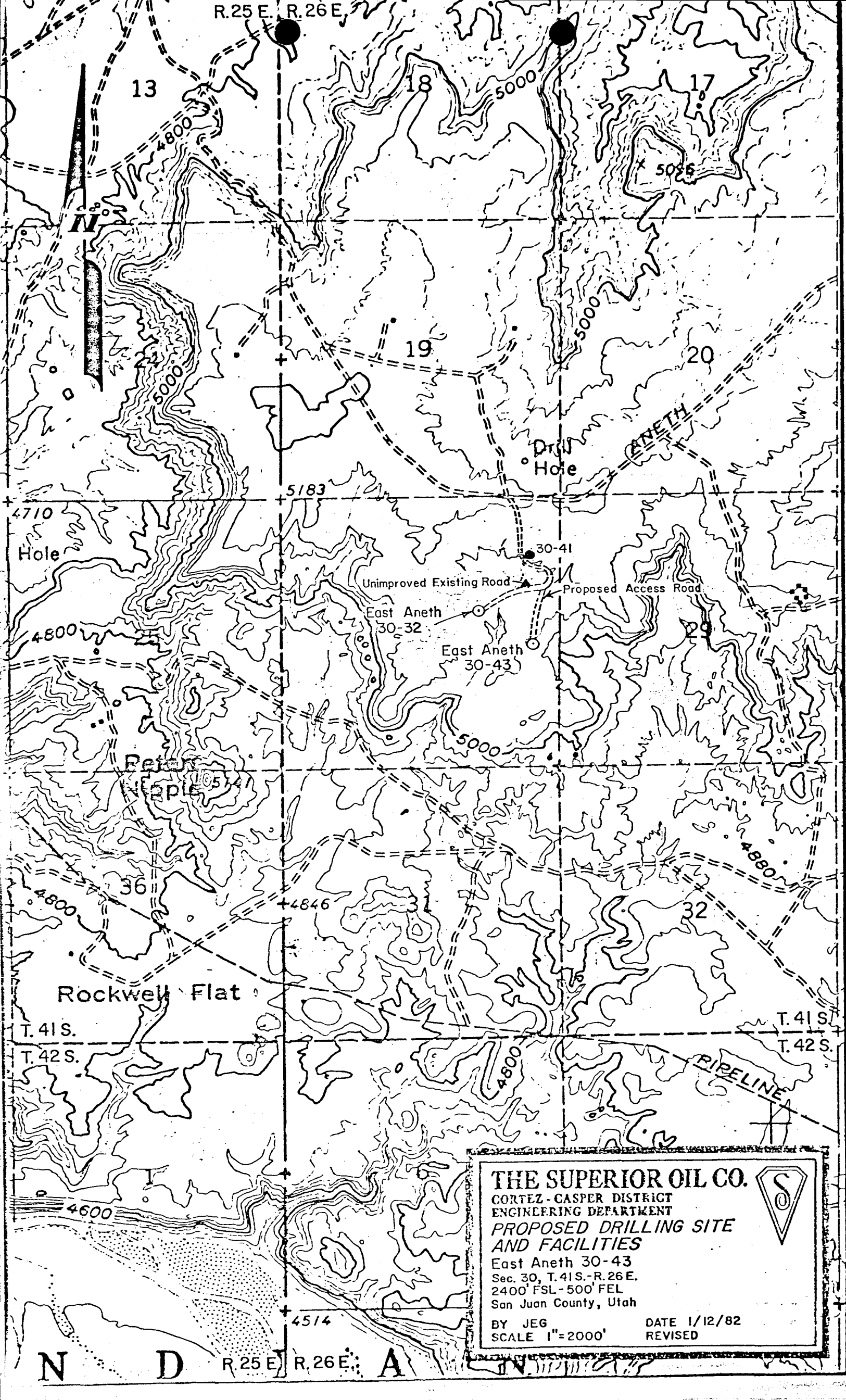


THE SUPERIOR OIL CO.   
CORTÉZ-CASPER DISTRICT  
ENGINEERING DEPARTMENT

SCHEMATIC DIAGRAM  
OF PRESSURE CONTROL  
EQUIPMENT

BY JEG  
SCALE NONE

DATE 6/25/79  
REVISED



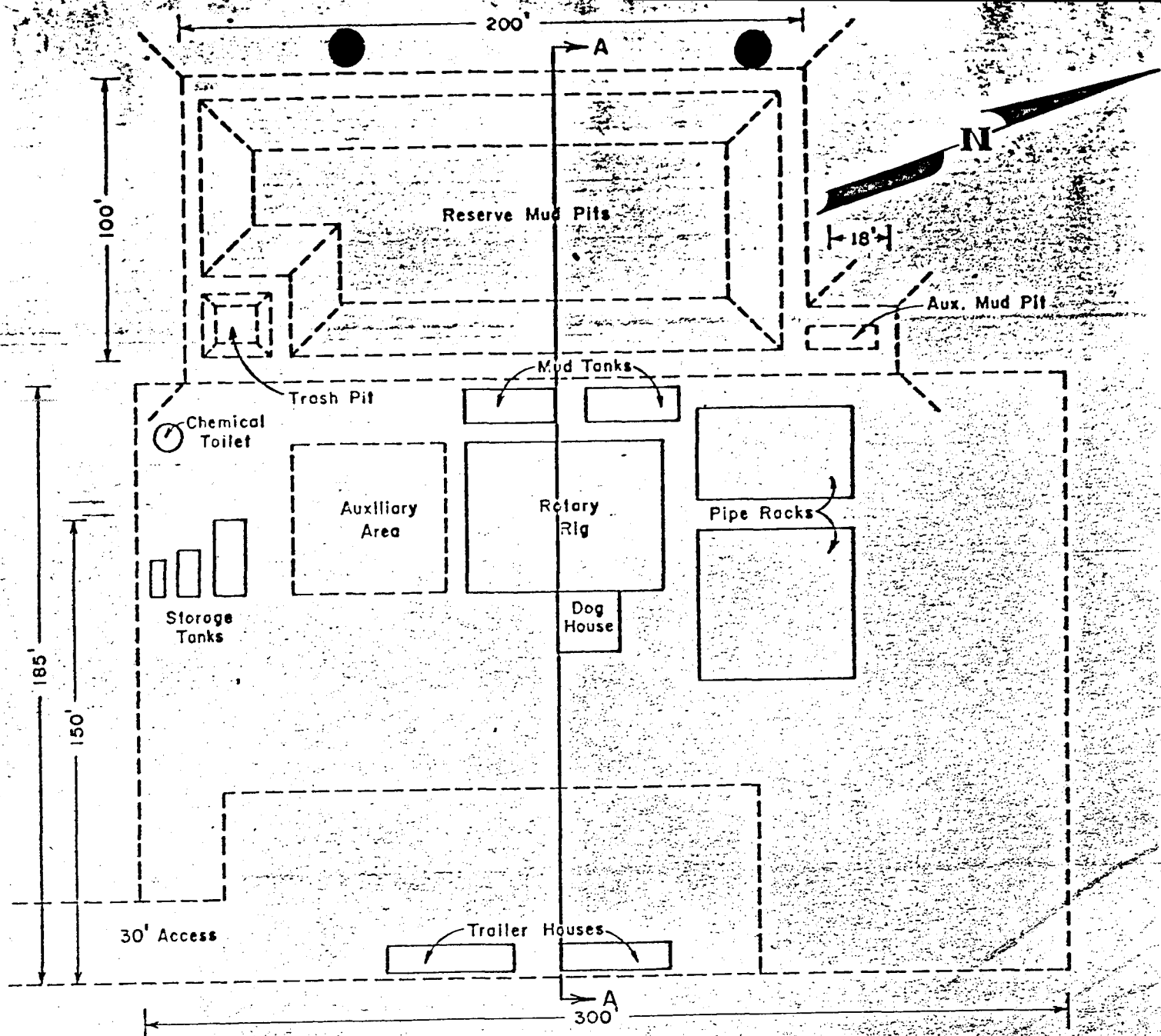
**THE SUPERIOR OIL CO.**  
CORTEZ-CASPER DISTRICT  
ENGINEERING DEPARTMENT  
**PROPOSED DRILLING SITE  
AND FACILITIES**

East Aneth 30-43  
Sec. 30, T. 41 S.-R. 26 E.  
2400' FSL-500' FEL  
San Juan County, Utah

BY JEG  
SCALE 1"=2000'

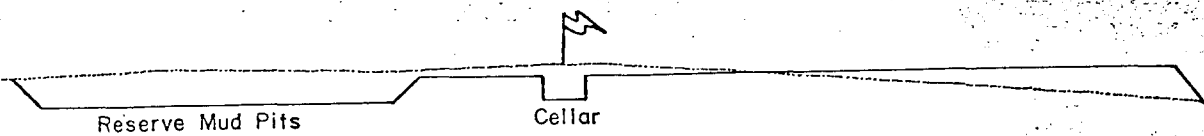
DATE 1/12/82  
REVISED



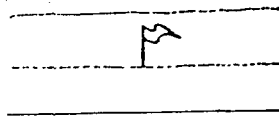


The Drilling Pad will be graded and compacted, and composed of native materials.

PROPOSED WELL SITE  
EAST ANETH No. 30-43  
Original Elev. 5084.60



Original Contour  
Reference Point  
Graded Proposal



**THE SUPERIOR OIL CO.**  
CORTAZ-CASPER DISTRICT  
ENGINEERING DEPARTMENT

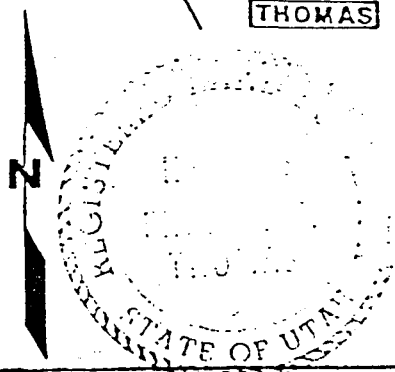
**RIG LAYOUT & DRILL  
PAD CROSS SECTION**  
East Aneth Well No. 30-43  
Sec. 30, T. 41 S. - R. 26 E.  
San Juan County, Utah  
BY JEG DATE 1/12/82  
SCALE 1" = 50' REVISED



*Ludwig & Morano*

Utah Reg No. 4346

215 N. Linden  
Cortez, Colorado  
365-4496



**\*\* FILE NOTATIONS \*\***

DATE: 4-1-82

OPERATOR: Superior drill company

WELL NO: East Anoth #30-43

Location: Sec. 30 T. 41S R. 26E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30775

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per Rule C-3

Administrative Aide: OK as per Rule C-3,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation chrd

Plotted on Map ☒

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

April 5, 1982

Superior Oil Company  
P. O. Drawer "G"  
Cortez, Colorado 81231

RE: Well No. East Aneth #30-43  
Sec. 30, T. 41 S, R. 26 E.  
San Juan County, Utah

*C-3-12*

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30775.

Sincerely,

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight*

Cleon B. Feight  
Director

CBF/as  
Encl.  
cc: Minerals Management Service

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐  
well well other

2. NAME OF OPERATOR  
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR  
P.O.DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 900' FEL, 2400' FSL of Section 30  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

Revise surface location APD submitted 3-17-82.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Orig + 5 - USGS, State - 2, Navajo Tribe, Regulatory Group, Files - H, D, C

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

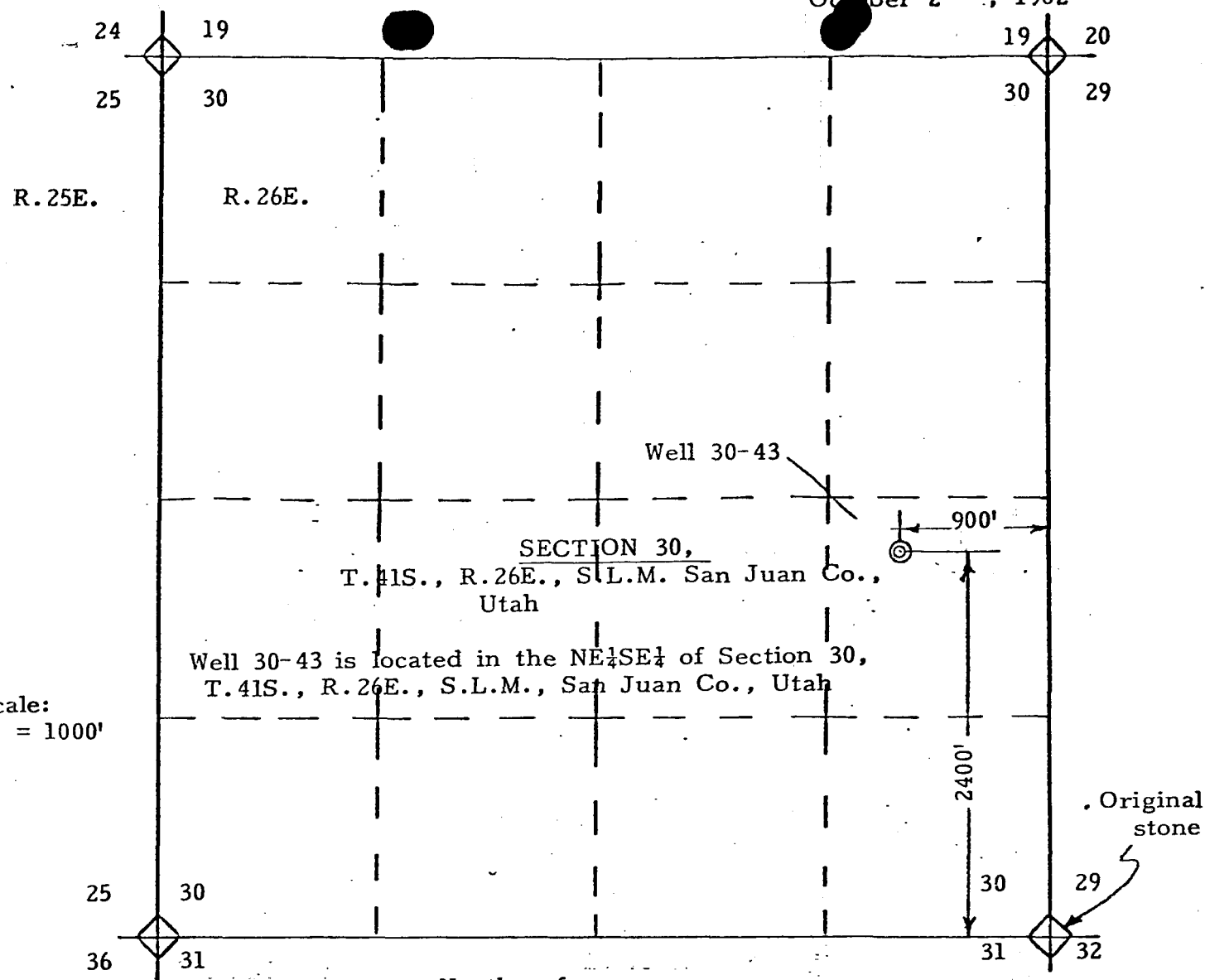
18. I hereby certify that the foregoing is true and correct

SIGNED D. I. Blanscet TITLE Sr. Production Engineer DATE 10-15-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:





Scale:  
1" = 1000'

Soil: Shallow sand with  
exposed sandstone.  
Vegetation: Sparse  
grass and shrubs.

North ref.  
Elev. 5095.94

Access-  
2000'± new construction required to  
Well East Aneth 30-41

Elevations based on  
USGS map elev at  
NW Cor. Sec. 30:  
Elev. 5183

West ref. elev.  
5089.45

West

201.06'

North  
225.00'  
South  
200.00'

Well 30-43  
Elev. 5095.03

East  
Ref. elev. 5087.37

East  
200.00'

Laydown bearing South

Horizontal scale: 1" = 100'

South ref. elev. 5089.58

KNOW ALL MEN BY THESE PRESENTS:  
THAT I, FREDRIC P. THOMAS  
do hereby certify that I prepared this plat from an  
actual and accurate survey of the land and that the  
same is true and correct to the best of my knowledge  
and belief.

*Fredric P. Thomas*

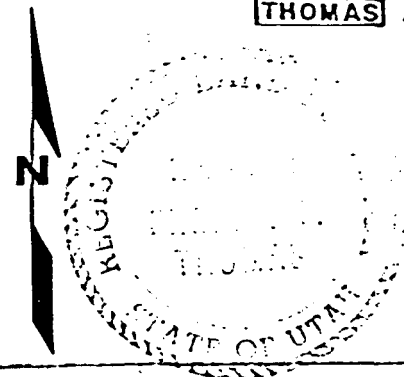
FREDRIC P. THOMAS  
Reg. L.S. and P.E.  
Colo. Reg. No. 6728

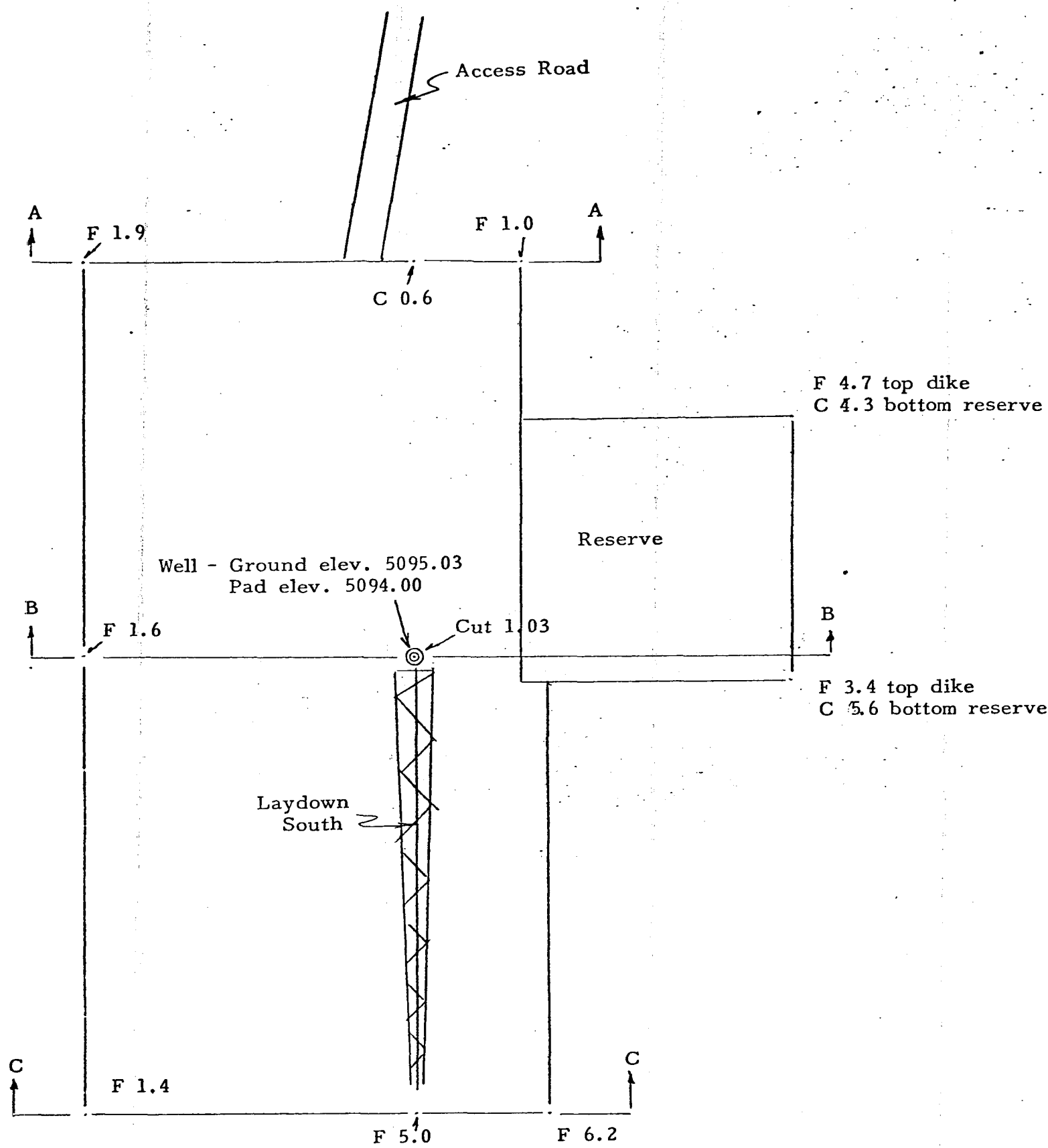
Bearing by  
Solar  
observation

Utah Reg No. 4346

THOMAS Engineering Inc.

215 N. Linden  
Cortez, Colorado  
565-4496

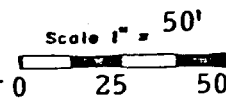


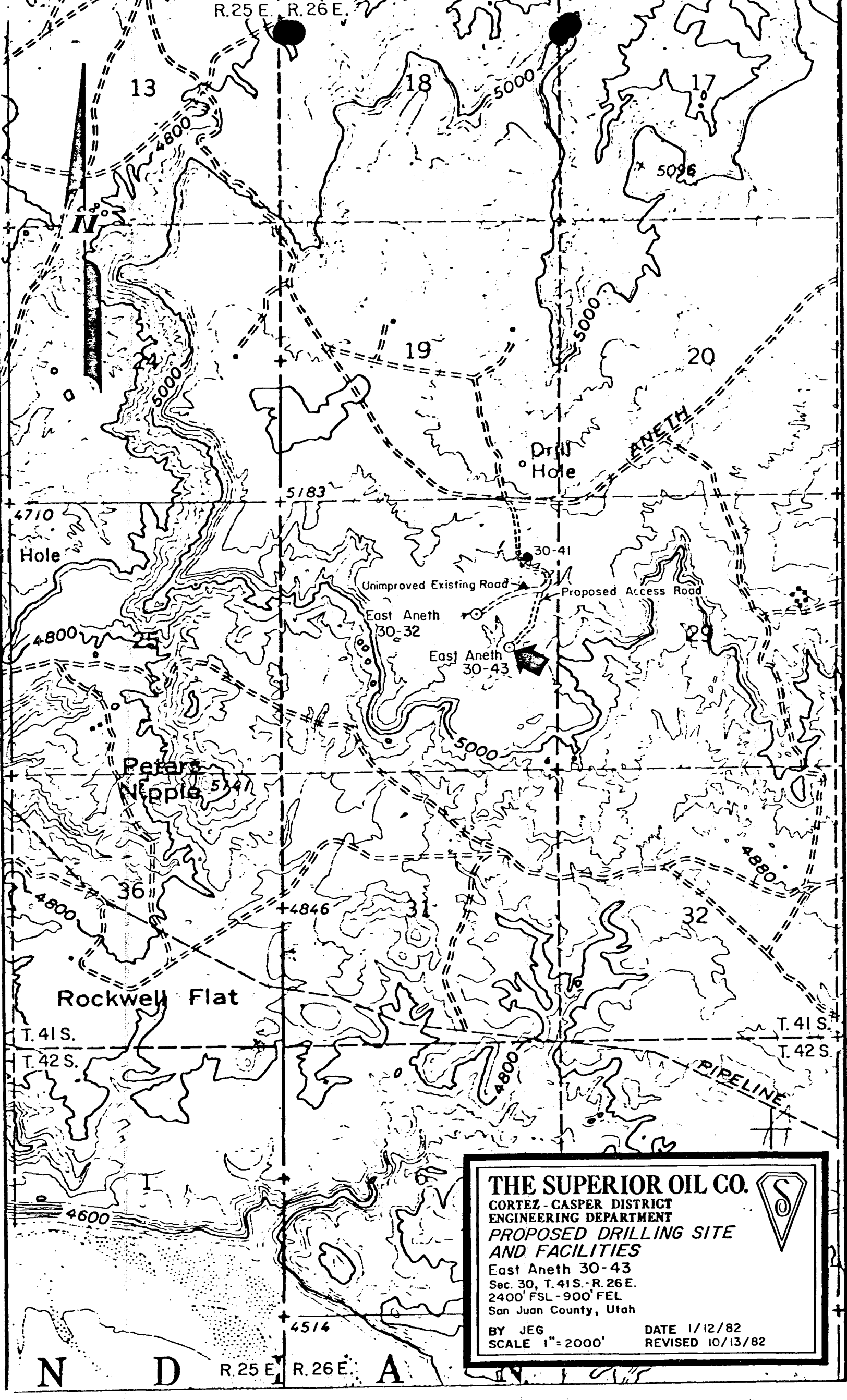


N

**THOMAS** Engineering Inc.

25 N. Linden  
Cortez, Colorado  
565-4496





**THE SUPERIOR OIL CO.**  
CORTEZ - CASPER DISTRICT  
ENGINEERING DEPARTMENT  
**PROPOSED DRILLING SITE  
AND FACILITIES**

East Aneth 30-43  
Sec. 30, T. 41 S. - R. 26 E.  
2400' FSL - 900' FEL  
San Juan County, Utah

BY JEG  
SCALE 1" = 2000'

DATE 1/12/82  
REVISED 10/13/82



C/L

Pad elev. 5094

5095

2:1

2:1

5090

SECTION A-A

Pad elev. 5094

5095

2:1

5090

2:1

10'

SECTION B-B

Reserve

5085

2:1

5080

5095

Pad elev. 5094

2:1

2:1

SECTION C-C

Horizontal scale: 1" = 50'  
Vertical scale: 1" = 5'



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 21, 1983

Superior Oil Company  
P. O. Drawer "G"  
Cortez, Colorado 81321

Re: Well No. East Aneth # 39-11  
Sec. 29, T. 41S, R. 26E.  
San Juan County, Utah

Well No. East Aneth # 30-43  
Sec. 30, T. 41S, R. 26E.  
San Juan County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

**SUPERIOR OIL**

March 24, 1983

State of Utah  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: East Aneth #28-32  
Sec. 28, T41S, R26E  
San Juan County, Utah

East Aneth #29-11  
Sec. 29, T41S, R26E  
San Juan County, Utah

East Aneth #30-43  
Sec. 30, T41S, R26E  
San Juan County, Utah

Gentlemen:

The subject wells have not been spudded as of this date. Superior Oil is presently in litigation with the Navajo Tribe and grazing rights holders over the lease rights in Sections 28, 29 & 30; therefore no activity-siesmic, drilling or otherwise is presently underway. It is requested that your approval of the "Application for Permit to Drill" be extended until the above mentioned situation is resolved and drilling activity can resume.

Respectfully,

SUPERIOR OIL COMPANY

*T. Greg Merrion*

T. Greg Merrion  
Production Engineer

TGM/lh

by W. L. G. W.  
Carle W. L. G. W.  
JUN 17 1930

October 13, 1983

RE: Distribution of Oil & Gas  
Lease Sale Notices

Gentlemen:

Please consider this letter as our official notice of address change, effective November 1, 1983 and our request that Superior Oil be maintained on your mailing list to receive notices regarding any forthcoming sales of oil and gas leases on lands administered by you.

We will appreciate your sending notices to the following address:

The Superior Oil Company  
600 17th Street  
Suite 1500  
Denver, Colorado 80202  
ATTN: Land Department

Thank you very much.

Very truly yours,

THE SUPERIOR OIL COMPANY

Jed W. Lemmons/cbb

Jed W. Lemmons  
Division Land Manager

JWL/cbb

**Denver Division**

1860 Lincoln St., Suite 800,  
Lincoln Tower Building, Denver, CO 80295  
(303) 863-2600, Twx: 910 931 2539



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1984

Superior Oil Company  
600 17th Street  
Suite 1500  
Denver, Colorado 80202

RE: Well No. East Aneth #30-43  
API #43-037-30775  
2400' FSL, 900' FEL NE/SE  
Sec. 30, T. 41S, R. 26E.  
San Juan County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout  
Administrative Assistant

NCS/cj